

CLAIMS

1. An apparatus for removing filtered material from a pressurised filter space, in which filter space there are installed members for feeding the material to be
5 processed into filtering that takes place in a pressurised space, as well as members for removing the filtering product, i.e. the filtered material, from the pressurised filter space, **characterised** in that in the discharge conduit (3,21) of the filter space, at the material discharge end, there is connected an adjusting member (4,27), said adjusting member (4,27) comprising at least two adjusting
10 elements (5,6;29,30) which are installed concentrically (8,31) in relation to each other and are provided with ports (7,33) and are movable in relation to each other, for maintaining the measurable surface height (11,28) of the filtered material contained in the discharge conduit (3,21) essentially at a predetermined value in a substantially continuous fashion.
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2. An apparatus according to claim 1, **characterised** in that at least one of the adjusting elements (6,30) is installed movably around the axis (8,31).
3. An apparatus according to the claims 1 or 2, **characterised** in that in order to
20 measure the surface height (11) of the filtered material, the discharge conduit (3) is provided with an ultrasonic sensor (10).
4. An apparatus according to the claims 1 or 2, **characterised** in that in order to measure the surface height (28) of the filtered material, in the discharge conduit
25 (21) there is installed an actuator that measures the changes in the discharge conduit supporting structure (22).
5. An apparatus according to claim 4, **characterised** in that the actuator measuring the change of the discharge conduit supporting structure (22) is a
30 force measuring sensor (25).

6. An apparatus according to claim 4, **characterised** in that the actuator measuring the change of the discharge conduit supporting structure (22) is a tension measuring sensor.

claim 1 or claim 2

- 5 7. An apparatus according to ^{claim 1} ~~any of the preceding claims~~, **characterised** in that the measuring of the filtered material surface height (10,25) and the member (15,31) for moving the adjusting element are interconnected electrically (12,26).